

## A B S T R A C T

A METHOD OF FABRICATING A CUTTING BLADE, AND A CUTTING  
BLADE

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A method of fabricating a blade for a cutting tool, in particular for a knife, a pair of scissors, a saw, a household appliance, or indeed an industrial tool, the blade (1) being made of steel or an alloy of stainless  
10 steels and having at least one cutting edge (3; 103) extending over at least a portion of its periphery, the method being characterized in that it comprises the following steps: a) making a blade body (2; 102) possessing at least one free edge (F; 4) provided in the  
15 vicinity of the location of the or each cutting edge (3; 103); b) projecting a make-up material (M; M') in the form of a powder (5; 105) onto at least one free edge (F; 4), the hardness of the make-up material being greater than the hardness of the blade body; c) subjecting the  
20 make-up material powder (5; 105) to a laser beam (8) so as to form a bead (6) or strip (109) on at least a portion of said free edge (4; F); and d) forming the cutting edge (3; 103) in the bead (6) or strip (109) of make-up material (M; M'). Cutting tools fitted with a  
25 blade made in this way present great resistance to wear of the cutting edge of the blade.

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Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.